

Peer Review #2

ATTACHMENT A

PEER REVIEW MEMORANDUM

A. DATE: August 12, 2004*

BEERA _____

BGWPA: ☒

* Peer Review continued from July 1, 2004

CASE NAME: Unimatic Manufacturing Corp.CASE NO.: E20010335JOB NO.: A1988200LOCATION: 25 Sherwood Lane, Fairfield, Essex County

QUESTIONS/RECOMMENDATIONS

1. Need approval for RP's proposed wells MW-4 (replacement for MW-2) and MW-5.
2. Need approval for the additional well placement, that I selected, in areas of soil that exceed 100-ppm.
3. Ok for placement of an additional well, that I selected, for triangulation that is not in a PCB investigated area.
4. Is it acceptable to not require a well through the floor, inside the building, to monitor VOCs and PCBs?
5. Need to determine if the sieve analysis for SB-65 is acceptable based on determining soil type for well placement.
6. Is it necessary, at this time, to install additional wells based on PCB concentrations that exceed 100-ppm above the water table without knowing soil concentrations below the water table? It is understood that Residential soil cleanup criteria is used below the water table, however, Unimatic's soil boring logs do not show depth to water (DTW) and DTW is not depicted at the boring locations on the site maps. Therefore, I will make a request that Unimatic submit DTW data for each borehole. (Note: Unimatic shall request a letter from the USEPA to allow soils in excess of 100-ppm to remain in the ground - that are above the water table).

CASE MANAGER (CM): Gene P. FowlerSUPERVISOR: Joseph J. NowakB. CM sig. Gene P. FowlerGEOLOGIST sig. Heather Dada

DECISIONS/RATIONALE AND ACTIONS REQUIRED

1. Ok to install wells MW-4 and MW-5 as proposed by the RP.
2. The additional property well boundary (as outlined item #2, at July 1 peer review) will be placed at soil sample locations PE-14 and SPE-21. This is necessary because PE-14 has 2,061-ppm of PCB at the 15 to 15.5 foot interval and SPE-21 has 3.37-ppm at the 15.5 to 16 foot interval. This will need to be investigated due to such a drastic decrease in PCBs in only one-half foot deeper.

3. An additional well that is needed for triangulation can be installed to the southwest or northwest of the building. The RP can select the proposed well location.

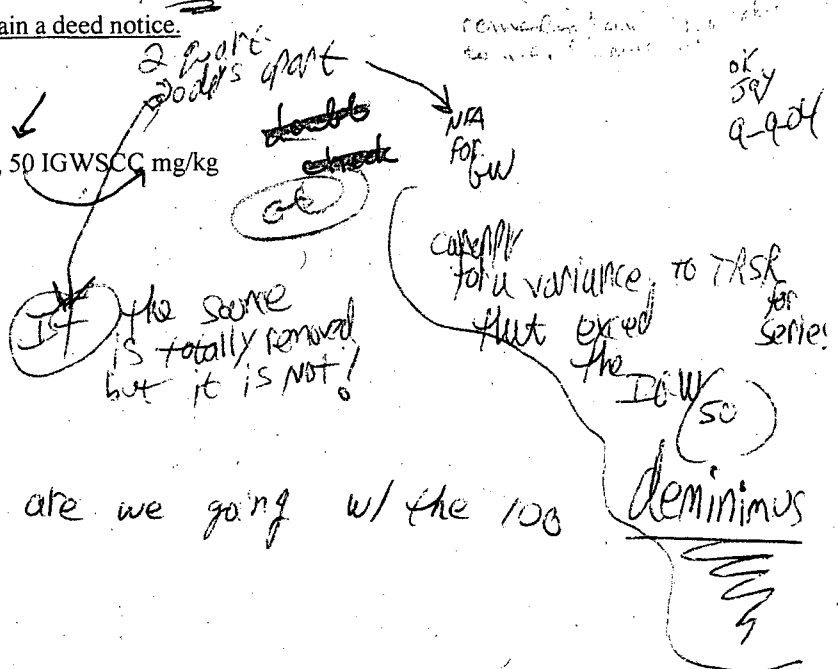
4. Not a requirement at this time for well placement inside the building but this might be a requirement at a later date depending upon upcoming PCB analysis in ground water in the existing and proposed wells.

5. The sieve analysis for SB-65 is acceptable at this time and Unimatic is required to submit complete logs for future submissions. Accurate soil descriptions (and possible additional sieve analysis) will be necessary in the future should the RP need to conduct in-situ soil remediation, including selection of appropriate well screen size (to keep out colloidal material) and gravel pack.

6. Unimatic must remediate soils to 100-ppm (site-specific IGWSCC soil cleanup # with a USEPA letter that will be requested by Unimatic). Unimatic shall vertically delineate all soils below the water table and Unimatic shall compare the PCB analysis to the Residential Direct Contact Soil Cleanup Criteria (RDCSCC) cleanup No. of 0.49 mg/kg. Regardless of ground water contamination, (GWQS is 0.5-ppb for PCBs), Unimatic shall remediate the source in soils below the water table in order to obtain a deed notice.

NJDEP's Soil Cleanup Criteria:

PCBs: RDCSCC 0.49 mg/kg, NRDCSCC 2 mg/kg, 50 IGWSCC mg/kg



* if PCBs in gw > stand. are we going w/ the 100

* if they are going @ permi